



SEQUENCE LISTING

RECEIVED
OCT 19 2001
TECH CENTER 1600/2900

<110> Brooks, Peter
Cheresh, David A.

<120> Inhibition of Angiogenesis in Disease
States with an Anti-avb3 Monoclonal Antibody (As Amended)

<130> TSRI 419.0C1

<140> US 09/081,522

<141> 1998-05-19

70700 <150> US 08/210,715

<151> 1994-03-18

<160> 15

<170> FastSEQ for Windows Version 4.0

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<223> label=BOC-GRGDFV-OMe

note="BOC signifies the N-terminal protecting
group butyloxycarbonyl; OMe signifies a C-terminal
methyl ester; arginine in the second position

<223> label=OMe

note="OMe signifies the C-terminal protecting
group methyl ester."

<223> label=D- Arg

note="A prefix "D" in D-Arg signifies that the
arginine in position 2 is a D-amino acid."

<223> synthesized

<400> 1

Gly Arg Gly Asp Phe Val
1 5

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<213> Artificial Sequence

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<223> label=BOC

note="BOC signifies the N-terminal blocking group
tertbutyloxycarbonyl."

<223> label=OH

note="OH signifies a free C-terminal carboxylic
acid."

<223> label=D- Arg

note="A prefix "D" in D-Arg signifies that the

arginine in position 2 is a D-amino acid."

<223> synthesized

<400> 2

Gly Arg Gly Asp Phe Val
1 5

<210> 3

<211> 6

<212> PRT

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<223> label=H

note="H signifies a free N-terminal amine."

<223> label=OH

note="OH signifies a free C-terminal carboxylic acid."

<223> label=D- Arg

note="A prefix "D" in D-Arg at position 2, signifies that the arginine is a D-amino acid."

<223> synthesized

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Gly Arg Gly Asp Phe Val
1 5

<210> 4

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<223> label=cyclo

note="Cyclo signifies a cyclic peptide; lower case letters indicate a D-amino acid; capital letters indicate a L-amino acid."

<223> synthesized

<400> 4

Gly Arg Gly Asp Phe Val
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<210> 5

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<223> label=cyclo

note="Cyclo signifies a cyclic peptide; lower case letters indicate a D-amino acid; capital letters indicate a L-amino acid."

<223> synthesized

<400> 5
Arg Gly Asp Phe Val
1 5

<210> 6
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<223> label=cyclo
note="Cyclo signifies a cyclic peptide; lower case
letters indicate a D-amino acid; capital letters
indicate a L-amino acid."

<223> synthesized

<400> 6
Arg Ala Asp Phe Val
1 5

<210> 7
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note="Cyclo signifies a cyclic peptide; lower case
letters indicate a D-amino acid; capital letters
indicate a L-amino acid."

<223> synthesized

<400> 7
Arg Gly Asp Phe Val
1 5

<210> 8
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note="Cyclo signifies a cyclic peptide; lower case
letters indicate a D-amino acid; capital letters
indicate a L-amino acid."

<223> synthesized

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Arg Ala Asp Phe Val
1 5

<210> 10

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<212> PRT

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letters indicate a D-amino acid; capital letters
indicate a L-amino acid."

<223> synthesized

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Ala Arg Gly Asp Phe Leu
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letters indicate a D-amino acid; capital letters
indicate a L-amino acid."

<223> synthesized

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Gly Arg Gly Asp Phe Leu
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<223> synthesized

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<223> synthesized

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Gly Val Val Arg Asn Asn Glu Ala Leu Ala Arg Leu Ser
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<223> synthesized

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Thr Asp Val Asn Gly Asp Gly Arg His Asp Leu
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<223> synthesized

<400> 15

Gly Arg Gly Asp Ser
1 5